

**12.** The inflatable cushion of claim **7** further comprising:  
a soft layer of padding underneath said cover.

**13.** An inflatable cushion comprising;

a cover;

wherein there is a soft layer of padding attached  
beneath said cover;

a base;

a top layer;

a communication device;

a microcontroller;

a power source;

a gas pump;

a primary tube;

a blow off valve;

a plurality of two-way valves;

a plurality of secondary tubes;

a plurality of pressure sensors; and

a plurality of bladder pods; wherein

said plurality of bladders pods are on said base;

said plurality of bladder pods are below said top layer;

said plurality of bladder pods are in individual fluid  
communication with said individual secondary  
tubes;

said individual secondary tubes are in fluid communi-  
cation with said individual pressure sensors;

said individual secondary tubes are in further fluid  
communication with said individual two-way valves;

said two-way valves are in fluid communication with  
said primary tube;

said primary tube is in fluid communication with said  
gas pump and said blow off valve;

said microcontroller can receive and send signal to said  
blow off valve, said gas pump, said individual two-  
way valve, said communication device, and/or said  
individual sensor;

said microcontroller, said gas pump, said blow off  
valve, said plurality of two-way valves, and said  
plurality of pressure sensors are all powered by said  
power source; and

said plurality of bladder pods are covered by said cover  
attaching to said base.

**14.** The inflatable cushion of claim **13** further comprising:  
said power source is a battery.

**15.** The inflatable cushion of claim **13** further comprising:  
said microcontroller is a computer system on a chip that  
does a job. It contains an integrated processor, memory  
(a small amount of RAM, program memory, or both),  
and input/output peripherals, which are used to interact  
with things connected to the chip.

**16.** The inflatable cushion of claim **13** further comprising:  
said communication device is a device that has the  
potential of having wired or wireless interconnection of  
mobile phones, computers, and other electronic  
devices.

**17.** The inflatable cushion of claim **13** further comprising:  
said plurality of sensors are located inside the cover and  
base when the cushion is assembled.

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